

In the claims:

1. (Currently Amended) A process for isolating growth factor enriched fibrinogen concentrate comprising the steps of:

obtaining platelet rich plasma by subjecting blood to centrifugation;
adding a fibrinogen-precipitating agent to said platelet rich plasma; and
recovering growth factor enriched fibrinogen concentrate from said platelet rich plasma by subjecting said platelet rich plasma and fibrinogen-precipitating agent to centrifugation.
2. (Previously presented) A process according to claim 1, wherein said precipitating agent is polyethylene glycol.
3. (Previously presented) A process according to claim 1, wherein said precipitating agent is ammonium sulfate.
4. (Cancelled)
5. (Currently Amended) A process according to claim [[4]] 1, wherein said step or centrifugation comprises the step of subjecting said blood to a force of about 580G for about three minutes.
6. (Previously presented) A process according to claim 1, wherein said platelet rich plasma comprises plasma having 50K to 450K platelets/mm³.
7. (Cancelled)
8. (Previously presented) A process according to claim 1, wherein the step of obtaining platelet rich plasma comprises the step of subjecting about 50ml of anticoagulated whole blood to centrifugation and decanting 23-25ml of said platelet rich plasma, and said step of adding a precipitating agent comprises adding about 15ml of 30% polyethylene glycol (MW100) to said platelet rich plasma.
9. (Previously presented) A process according to claim 1, wherein the step of obtaining platelet rich plasma comprises the step of subjecting about 50ml of anticoagulated whole blood to centrifugation and decanting 23-25ml of said platelet rich plasma, and said step of adding a precipitating agent comprises adding about 7ml of saturated ammonium sulfate.
10. (Previously presented) A process according to claim 1, wherein said step of recovering fibrinogen further comprises the step of adding a buffer to said fibrinogen.

11. (Currently Amended) A product made by the process of:
obtaining platelet rich plasma by centrifuging blood;
adding a fibrinogen-precipitating agent to said platelet rich plasma; and
recovering growth factor enriched fibrinogen concentrate from said platelet rich plasma by centrifuging said platelet rich plasma and said fibrinogen-precipitating agent.
12. (Withdrawn) A process for healing a wound comprising the steps of:
obtaining platelet rich plasma;
mixing a fibrinogen-precipitating agent with said platelet rich plasma;
recovering growth-factor enriched fibrinogen concentrate from said platelet rich plasma; and
applying said growth-factor enriched fibrinogen to a wound.
13. (Withdrawn) A process according to claim 12, further comprising the step of mixing thrombin with said growth-factor enriched fibrinogen concentrate.
14. (Withdrawn) A process according to claim 12, wherein the step of recovering comprises subjecting said platelet rich plasma mixed with said fibrinogen-precipitating agent to centrifugation.
15. (Withdrawn) A process comprising:
placing whole blood in a first chamber of a two-chamber disposable;
centrifuging said disposable having said whole blood therein to provide a platelet rich plasma supernatant;
transferring said platelet rich plasma supernatant to a second chamber of said two-chamber disposable;
mixing a fibrinogen-precipitating agent with said platelet rich plasma supernatant;
centrifuging said disposable having said platelet rich plasma supernatant mixed with said fibrinogen-precipitating agent therein to separate fibrinogen, platelets and growth factors from a plasma supernatant;
transferring said plasma supernatant to said first chamber; and
removing said fibrinogen, platelets and growth factors from said second chamber.
16. (Withdrawn) A process according to claim 15, further comprising the step of applying said fibrinogen, platelets, and growth factors to a wound.
17. (Withdrawn) A process according to claim 16, comprising the step of mixing thrombin with said fibrinogen, platelets and growth factors.

11. (Currently Amended) A product made by the process of:
obtaining platelet rich plasma by centrifuging blood;
adding a fibrinogen-precipitating agent to said platelet rich plasma; and
recovering growth factor enriched fibrinogen concentrate from said platelet rich plasma by centrifuging said platelet rich plasma and said fibrinogen-precipitating agent.
12. (Withdrawn) A process for healing a wound comprising the steps of:
obtaining platelet rich plasma;
mixing a fibrinogen-precipitating agent with said platelet rich plasma;
recovering growth-factor enriched fibrinogen concentrate from said platelet rich plasma; and
applying said growth-factor enriched fibrinogen to a wound.
13. (Withdrawn) A process according to claim 12, further comprising the step of mixing thrombin with said growth-factor enriched fibrinogen concentrate.
14. (Withdrawn) A process according to claim 12, wherein the step of recovering comprises subjecting said platelet rich plasma mixed with said fibrinogen-precipitating agent to centrifugation.
15. (Withdrawn) A process comprising:
placing whole blood in a first chamber of a two-chamber disposable;
centrifuging said disposable having said whole blood therein to provide a platelet rich plasma supernatant;
transferring said platelet rich plasma supernatant to a second chamber of said two-chamber disposable;
mixing a fibrinogen-precipitating agent with said platelet rich plasma supernatant;
centrifuging said disposable having said platelet rich plasma supernatant mixed with said fibrinogen-precipitating agent therein to separate fibrinogen, platelets and growth factors from a plasma supernatant;
transferring said plasma supernatant to said first chamber; and
removing said fibrinogen, platelets and growth factors from said second chamber.
16. (Withdrawn) A process according to claim 15, further comprising the step of applying said fibrinogen, platelets, and growth factors to a wound.
17. (Withdrawn) A process according to claim 16, comprising the step of mixing thrombin with said fibrinogen, platelets and growth factors.

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18. (Previously presented) The product of claim 11, wherein said precipitating agent is ammonium sulfate.

19. (Previously presented) The product of claim 11, wherein said precipitating agent is polyethylene glycol.

20-21' (Cancelled)